**Julia Programming Language**

* Open source, high-performance, a high-level, dynamic programming language which is used in scientific computing. It is predominantly used for data analysis and statistics computations which is similar to R programming language.
* Julia is built primarily for its speed and applications using it have experienced faster running times when compared with Python or R.
* It provides support in performing difficult tasks such as cloud computing and parallelism which are considered as fundamental to perform big data analytics.
* Julia is mainly used for Data & Research Scientists, Engineers, Financial Analysts and Quants.
* Here is a download link to install Julia: <https://julialang.org/downloads/index.htm>

**Julia - Web Framework**

**Genie** is a full-stack MVC web framework that provides a streamlined and efficient workflow for developing modern web applications. It builds on Julia’s strengths (high-level, high-performance, dynamic, JIT compiled), exposing a rich API and a powerful toolset for productive web development. <https://genieframework.com/>

**Steps to Create New Genie Application,**

* Install Genie Package in Julia REPL / Command Line. If installed, please ignore it. [Reference](https://datatofish.com/install-package-julia/)

**Julia >** Using Pkg

**Julia >** Pkg.add(“Genie”)

* Below Command is to Create a New Genie App in Julia REPL. **MyGenieApp** is the Sample App Name

**Julia >** Genie.newapp("**MyGenieApp**")

* Once above Command is Executed Completely, then just hit this URL in Browser -> <http://127.0.0.1:8000>